

Date: Thu, 14 Oct 93 13:58:40 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #1220
To: Info-Hams

Info-Hams Digest Thu, 14 Oct 93 Volume 93 : Issue 1220

Today's Topics:

 ALINCO BBS SPONSORSHIP
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 FT30 AM
 Homonauseated
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 I LOVE CW!!!!
 Motorola ad in QST
 Motorola ad in QST?
 Revised DX-Cluster Wish List
 Selling ham radios w/o seeing ticket

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 14 Oct 1993 14:49:28 GMT
From: noc.near.net!transfer.stratus.com!amateur1.cac.stratus.com!jay@uunet.uu.net
Subject: ALINCO BBS SPONSORSHIP
To: info-hams@ucsd.edu

The bulletin board number is 508-478-1429 (24 Hours).

Date: 14 Oct 1993 13:22:55 GMT
From: dog.ee.lbl.gov!agate!howland.reston.ans.net!math.ohio-state.edu!
pacific.mps.ohio-state.edu!linac!att!news.bu.edu!transfer.stratus.com!
amateur1.cac.stratus.com!jay@network.ucsd.edu
Subject: ALINCO SPONSORS BBS
To: info-hams@ucsd.edu

Beginning October 14,1993 Alinco Electronics is sponsoring the Amateur Radio Files and discussion forum for a BBS located in Hopedale, Massachusetts. What this means to you is that new information,mods,tips will be available at the earliest opportunity. There are hundreds of files from a variety of amateur radio companies. We expect to have other sponsorships shortly and will provide you an opportunity to feedback to them.

Information on the new Kenwood product was received recently and will be available by this weekend. Feel free to log into the system and download files from the free downloads directory.

For the next month I will assemble a weekly document of amateur equipment questions. This document will provide a historical review of questions and answers for those who would need to know in the future. Questions not yet answered will be shown as outstanding. This alleviates the problem of sorting through all mail in this forum. If you would like your question listed in the Amateur Radio Q&A Handbook send them to:

Jay_Appell@zen.cac.stratus.com

In advance,Thanks for your comments and support.

Jay

Date: Thu, 14 Oct 1993 14:44:17 GMT
From: yuma!galen@purdue.edu
Subject: ALINCO SPONSORS BBS (WHAT'S THE NUMBER?????????)
To: info-hams@ucsd.edu

In article <29jjrf\$ed8@transfer.stratus.com> jay@amateur1.cac.stratus.com (Jay Appell) writes:

>
>Beginning October 14,1993 Alinco Electronics is sponsoring the Amateur Radio
>Files and discussion forum for a BBS located in Hopedale, Massachusetts. What
>
>Jay_Appell@zen.cac.stratus.com

Great!!!! I have some Alinco products and look forward to logging in, but,
WHAT'S THE BLOODY PHONE NUMBER???????????

Just curious,
Galen, KF0YJ

Date: 14 Oct 93 19:55:18 GMT
From: news-mail-gateway@ucsd.edu
Subject: Army Tubes
To: info-hams@ucsd.edu

Jim, jp07@gte.com, on 11 October inquired as to information
on cross referencing old Army vacuum tubes. Contact Mr.
Bill Guertin at the U.S. Army Communications-Electronics
Command (CECOM) for help. His telephone number is (908)
532-0464.

Richard Knox
KD4BRL

Date: 14 Oct 93 16:48:57 GMT
From: magnesium.club.cc.cmu.edu!cantaloupe.srv.cs.cmu.edu!news@uunet.uu.net
Subject: ATV on 439.25
To: info-hams@ucsd.edu

In article <29f1lvINNib3@newsstand.cit.cornell.edu> F. Kevin Feeney
<fkf1@cornell.edu> writes:

>
> The audio itself normally sounds overdeviated since it's 25 khz
> deviation, but if you talk quietly you can often copy it on a narrowband
> rx. The buzzing is more likely from the synch pulses.
>
>
>
> This is am
> modulation, so perhaps you can eliminate the noise by putting a better
> limiter in your receiver.
>

Not necessarily. When video and audio carriers are combined and then
amplified together, nonlinearity in the amp can cause incidental
phase modulation of the audio carrier, which usually shows up as
the "sync buzz" described by the initial poster. This buzz is FM,
so a better limiter will not help.

The difficulty of amplifying a combined audio/video signal without creating incidental FM is why commercial TV stations use separate amps for audio and video, combining the signals with cavities at the antenna.

Date: 14 Oct 93 15:54:51 GMT
From: ogicse!uwm.edu!vixen.cso.uiuc.edu!roundup.crhc.uiuc.edu!eagle.csl.uiuc.edu!
gene@network.ucsd.edu
Subject: CFA (Cross-Field-Antenna) co-inventor fights back
To: info-hams@ucsd.edu

I thought the CFA (Cross-Field-Antenna) had been laid to rest as a hoax, or at least very inefficient as a radiator, after all the discussion it received after appearing in Electronic World- Wireless World magazine 2 or 3 years ago. Now it appears that one of the co-inventors is fighting back (Sept '93 EW + WW, p.747). According to the editor's note, he has offered some further data supporting its good performance, and refers to a paper in IEEE, Oct '90. He also invites anyone to visit their broadcast station in Egypt for a demonstration verifying performance equal or better than the conventional 1/4 wavelength verticals normally used.

The author still seems to be highly secretive about additional clues to help experimenters get a model working properly...implying that it is quite a complex technique.

I actually built a small model a couple of years ago, and it did seem to work in principle (A very small pick-up loop indicated a vertically polarized pattern omni-directionally around it, and I had some very modest success working a few stations, but then you can also do that with very compact mobile-whips.

It would certainly be nice if some retired Professor with good credibility in the field of antennas (no pun intended) would take a vacation trip to Egypt (preferably one who here-to-fore has been skeptical) and accept the author's invitation to verify performance of the CFA antenna.

--

Internet, BITNET: gene@csl.uiuc.edu

Date: Thu, 14 Oct 1993 16:42:25 GMT
From: loral!hlb@network.ucsd.edu
Subject: FT30 AM
To: info-hams@ucsd.edu

Here is another posting I saved regarding storing the AM mode:

Newsgroups: rec.radio.amateur.misc
Path: loral!network.ucsd.edu!swrinde!sdd.hp.com!hpscit.sc.hp.com!news.dtc.hp.com!
col.hp.com!fc.hp.com!paulc
From: paulc@fc.hp.com (Paul Christofanelli)
Subject: Re: Yaesu FT-530 opinions
Sender: news@fc.hp.com (news daemon)
Message-ID: <CBKnAH.3A@fc.hp.com>
Date: Wed, 11 Aug 1993 01:39:53 GMT
References: <CBAJ2F.IwG@murdoch.acc.Virginia.EDU>
Nntp-Posting-Host: hpfc1s.fc.hp.com
Organization: Hewlett-Packard Fort Collins Site
X-Newsreader: TIN [version 1.1.4 PL6]
Lines: 21

Jon Gefaell (jeg7e@livia.acs.Virginia.EDU) wrote:

: I have not been able to confirm that you can store the AM or FM mode in the
: memory. There seems to be no mention or even implication of such a feature.
: Have you empirically observed this? I notice that I can easily detect AM
: transmissions without changing modes from the keyboard, is this perhaps what
: is happening to you and you are assuming it's in AM mode?...

Hmmm. We have an automated weather announcement service at the local
airport which transmits AM on 135.075 MHz. I have this in memory 38 on
my 530 which was bought in January 1993. It most definitely stores the
detector mode in this memory. Using the keystroke sequence to change
the mode when this memory is active causes "a3 off" to appear in the
display, and the audio almost disappears, although the S-meter still
indicates a signal present. Using the same key sequence on "normal"
memories with FM signals displays "a3 on" causes the audio to sound a
little off but still understandable. All I did to store the AM mode was
to set the mode to AM before storing the frequency in memory. I
don't remember seeing this specifically mentioned in the manual.

-Paul Christofanelli, KG0CZ

i-----

I hope this helps.
hlb@li.loral.com

--
hlb@li.loral.com

Date: 14 Oct 93 05:34:43 GMT
From: ogicse!emory!rsiatl!jgd@network.ucsd.edu

Subject: Homonauseated
To: info-hams@ucsd.edu

dave@esi.COM.AU (Dave Horsfall) writes:

>| But no one is nauseated by the activities of Jewish amateurs, VFW
>| amateurs, NRA amateurs, Viet Nam Vet amateurs, ...

>I, for one, am nauseated by the activities of NRA amateurs.

Yeah, me too. Amateurs tend to get in the way. I try to convert 'em to true professional gun rights activists as quickly as I can.

John
Gun Radical

--

John De Armond, WD40QC | For a free sample magazine, send
Performance Engineering Magazine(TM) | a digest-size 52 cent SASE
Marietta, Ga "Hotrods'n'computers" | (Domestic) to PO Box 669728
jgd@dixie.com "What could be better?" | Marietta, GA 30066
Email may be published at my sole discretion.

Date: 14 Oct 1993 10:35:39 -0400
From: digex.net!digex.net!not-for-mail@uunet.uu.net
Subject: I GIVE UP!
To: info-hams@ucsd.edu

In article <CEvB06.B16@usenet.ucs.indiana.edu> djadams@silver.ucs.indiana.edu writes:

>
>
> I tune the radio to get output and try to match the
> antenna. Any adjustment lowers the transmitters output. Bring the output
> back up and the SWR skyrockets...lower the SWR, power plummets....ARGH!
> Help!!!! Anyone...I really need a close, personal friend who is a ham...
>
Dave -

Can't qualify as your close personal friend, but try the following:

1. Tune the HW-101 into a dummy load at low power setting.
2. Without changing the HW-101 settings, connect the tuner and ant and tune the antenna for minimum SWR
3. Without changing the antenna tuner settings, tune the HW-101 for higher power/plate dip.

I have successfully used the HW-101 with other antenna tuners to get on 40m with a 10m dipole. If this procedure doesn't work for you, then you may have a problem with high SWR feedback with higher power loads caused by proximity of your dipole to building structures.

Regards,
Ken Bass
K4EVH

Date: Thu, 14 Oct 1993 11:43:27 GMT
From: mdisea!mothost!lmpsbbs!news@uunet.uu.net
Subject: I LOVE CW!!!!
To: info-hams@ucsd.edu

In article 24128@TorreyPinesCA.ncr.com, kevin@TorreyPinesCA.ncr.com (Kevin Sanders) writes:

{In article <CEss4J.3Lz@srgenprp.sr.hp.com> alanb@sr.hp.com (Alan Bloom) writes:

{>Randy Mather (rem@tc.fluke.COM) wrote:

{>

{>: Did you forget that you can send CW in the "voice" section of the bands??

{>

{>Yeah, but it's like driving 45 on the freeway -- it's legal but impolite.

{>By gentlemen's agreement, CW is restricted to the CW bands.

{>

{>AL N1AL

{>

{

{Since CW is at least as narrowband as any other mode, it should not matter.

{I have personally used CW in the AMTOR portion of the band; when trying to

{make my first AMTOR contact I was having problems establishing a proper

{connection. After a couple of failed attempts I tapped out a message to the

{other operator, who came back (in CW!) telling me to switch to the other

{sideband. So it pays for every operator to have at least one mode in common

{which is usable in the entire spectrum.

{

{--

{[] [] [][] [][] Kevin Sanders, KN6FQ NCR Torrey Pines

{[] [] [] [] [] kevin.sanders@torreypinesca.ncr.com (619) 597-3602

{[] [] [][] [][] kevin%beacons@cyber.net

{[] [] [] [] []

{[] [] [] [] [][] Dump MS-DOS. Prevent Programmer Burnout with Linux.

I have found at least one alternative use to knowing CW. Every now and then, I'll get one of these automated dialers, which ask questions then have some sort of VOX for recording the reply. DTMF CW is all kinds of fun here folks!!!

Bruce, WB4YUC, e1 YUCC0. . .

Date: Tue, 12 Oct 1993 18:39:23 EST
From: paperboy.ids.net!anomaly.sbs.com!kd1nr!system@uunet.uu.net
Subject: Motorola ad in QST
To: info-hams@ucsd.edu

burke_br@adcae1.comm.mot.com (Bruce Burke Sp App) writes:

>
>
> Oh, I do understand, bottom line is the company owns the software and
> you, the customer, is being allowed to use it. Period.

Exactly, and if in your use you happen to modify it, so be it.

> You go buy a book or sheet music and what you have is a copy.
> You don't own the story line and you don't own the melody.

True, but if I decide for my own enjoyment to change the music there
isn't a problem.

Tony

o o Tony Pelliccio, KD1NR, Control Op 441.750+, ARRL VE
 \ / system @ hades.cdp.org Soon W5YI VE
 //
 (oo) Cow humor. Sort of like the Far Side.
 /| _ _ _ \/
 / | {MTV}|| MoooTV - Rockin' Bumpin' and Funkin' into the 90's
* ||{ }||
 ||-----|| (And people thought my last .sig was long, ha!)
 ^^ ^^

Date: 14 Oct 93 11:55:52 GMT
From: ogicse!emory!wa4mei!ke4zv!gary@network.ucsd.edu
Subject: Motorola ad in QST?
To: info-hams@ucsd.edu

In article <a21BBc1w165w@nj8j.atl.ga.us> ben@nj8j.atl.ga.us (Ben Coleman) writes:
>gary@ke4zv.atl.ga.us (Gary Coffman) writes:

>
>> Musical copyright is somewhat of a special case since each *performance*
>> of the music generates a new *copy* of the song, however transitory.
>> The courts have ruled that this does *not* apply to computer code since
>> in-memory copies are an integral part of the operation of the code.
>> Otherwise, every time you load your text editor, you'd be violating
>> the publisher's copyright.

>
>Gary, I guess you weren't at the Atlanta Unix User's Group meeting this
>month(for the rest of you, the program was a couple of lawyers speaking
>on recent legal developments in the computer field). One of the cases
>talked about involved a vendor suing for violation of copyright when a
>third-party vendor who was servicing the computer turned the computer
>on - the idea being that the third part vendor wasn't licensed to use the
>operating system software provided by the suing vendor to the customer.
>Sounds ridiculous you say? I agree, and personally I think this
>represents a mis-use of copyright law(IANAL and all the other appropriate
>disclaimers). Evidently, though, the judge didn't agree, as the court
>found for the plaintiff in this case.

>
>What sticks in my head was that the judge 'found' that the copying of the
>system software caused by turning on the computer constituted an act of
>copying subject to copyright law. Or, to quote from the handout: "When
>computer Operating System is booted and loaded from disk storage to RAM
>an unauthorized copy has been made by the third party computer service
>provider".

If the judge found under copyright law, then he was in error and will be reversed since this issue has been settled at the Supreme Court level. If he found under contract law, he may have been correct since the OS code may have been *licensed* by the vendor to the customer under strict limitations, IE no one but the customer's permanent full time employees may use it, or under condition that only the vendor's employees have the authority to bring up the system from cold shutdown.

This is a different thing. Mutually agreed contracts are enforceable no matter how ridiculous they may sound. Note that the third party service vendor should have been acting as the customer's agent in this case, and under normal commercial law the agent has the same rights and responsibilities as the primary party. So the agent should have had the right to boot the code if the customer had that right. But, there can be specific language in a license agreement to prevent this kind of action.

If this decision is allowed to stand under general commercial law rather than under a specific license agreement language, it would mean that a customer couldn't hire temporary employees through an agency and allow them to turn on a computer. Since this is obvious

nonsense, and has been already decided by the Supreme Court, this decision won't stand as a precedent.

Gary

--

Gary Coffman KE4ZV	"If 10% is good enough	gatech!wa4mei!ke4zv!gary
Destructive Testing Systems	for Jesus, it's good	uunet!rsiatl!ke4zv!gary
534 Shannon Way	enough for Uncle Sam."	emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244	-Ray Stevens	

Date: 14 Oct 93 20:51:51 GMT
From: news-mail-gateway@ucsd.edu
Subject: Revised DX-Cluster Wish List
To: info-hams@ucsd.edu

A week or so ago OH2LW0 asked for "wish-list" entries for revised DX-Cluster software.

I subscribed to the local cluster for a while, but dropped it for the following reason.... THE POSTINGS DON'T IDENTIFY THE POSTING STATION'S LOCATION. As a 50 MHz and up type, knowing that W6XXX or K2NNN report a station doesn't help. The US non-geographical call-letter situation means that calls do NOT indicate station location. However, I discovered that the CURRENT DX-Cluster system DOES carry the identification of the NODE where the report was initiated. The problem is that THIS INFO IS STRIPPED OFF in the report you see as a logged-in user. It is only contained in the inter-node messages. It would be relatively easy for me - but I have been too lazy - to build a table of cluster nodes vs. grid squares for the eastern USA chain of DX-Cluster nodes. There are fewer than 100 nodes. What I'd like to see is a packaged way for this info to reach the ordinary DX-Cluster user.

SO.... let's have a way for the USER to see the Grid Square of node where each posting is initiated.

73 de w3otc@amsat.org

PS.. I reject the concept that I am supposed to know the location of all the stations who frequently post, there are MANY of them.

Date: Thu, 14 Oct 1993 13:48:10 GMT
From: pacbell.com!att-out!cbnewst!waco@network.ucsd.edu
Subject: Selling ham radios w/o seeing ticket
To: info-hams@ucsd.edu

Subject: Re: Selling ham radios w/o seeing ticket
In article <1993Oct13.181320.2481@malins.mala.bc.ca> babiye@malins.mala.bc.ca
(DALE BABIY) writes

NOTE: This is no flame of Dale. The idea of it being illegal or wrong to
sell a radio to a non-ham seems meritorious on the surface to many folks.
This is a response to the idea, not the person expressing it, except
for the congrats on getting a license.

>> radio was imminent when Radio Shack started selling HTs would have a hissy
>> fit
>> about Penney's...
>
>As much as I love Radio Shack, I have to give them this much, they (at least
>our local outlet) will not sell a radio without seeing your ticket first.

Well, if I lived in your area and my wife decided to buy me a new radio
as a gift, she is not licensed, went to RS to buy it and they refused,
Tandy Corp. would certainly be hearing from my lawyer.

As has been pointed out numerous times on the net, there is no law
prohibiting the sale of an amateur radio, or possession thereof, to/by
an unlicensed person. It is only illegal to transmit without a license.
RS has no legal grounds to refuse sale of an amateur xcvr to a non-amateur.

*****Insert tongue in cheek*****

However, if it was illegal, we could buy cheaper radios. They could be
bought on the street corner for \$50.00 bucks or so. You don't believe it?
Well, let's see. It is illegal for anyone under 21 to own a handgun in
the US. Say a law-abiding adult wants a good quality revolver. He/she goes
to the gun shop and pays \$400.00 or so for it. Now, that same gun can be
bought on the street in many cities by a teenager for about \$50.00. It is
obvious to me we need a law making it illegal to sell radios to non-hams.
Then I can spend less for my next HT.

*****Remove tongue from cheek*****

>Dale Babiye,
>(Call Sign Pending :))
^^^^^^^^^^^^^^^^^^^^^^^^

Congratulations! Welcome to the world's greatest hobby. Hope your wait for
your ticket is short.

73,

John

```
#####  
# John L. Broughton      snail mail: Room 1K-324      #  
# AT&T                  1200 E. Warrenville Rd.      #  
#                      P.O. Box 3045                #  
#                      Naperville, IL 60566-7045     #  
#                      (708) 713-4319                #  
#                      e-mail: john.l.broughton@att.com #  
#                      att!john.l.broughton          #  
#                      air mail (HF, VHF): WB9VGJ     #  
#####
```

Date: Tue, 12 Oct 1993 18:33:49 EST
From: paperboy.ids.net!anomaly.sbs.com!kd1nr!system@uunet.uu.net
To: info-hams@ucsd.edu

References <29494rINN1rh@emx.cc.utexas.edu>, <750234021snx@skyld.tele.com>,
<willmore.750369671@metropolis.gis.iastate.edu>
Subject : Re: Temporary IDs

willmore@iastate.edu (David Willmore) writes:

```
> jangus@skyld.tele.com (Jeffrey D. Angus) writes:  
>  
>> I remember having some pin-head challange my right to transmit on a repeat  
> er  
>> since I have 2X3 (obviously novice) callsign. After seriously dressing him  
>> down on the repeater (and risking my license in the process) I received a  
>> standing ovation from several other ops that had had run-ins with this foo  
> l  
>> in the past.  
>  
> Now that one has the option (in the US) of keeping the same call as they upgr  
> ade,  
> is this situation occuring more often? I'm a Tech- :) and I'm planning on  
> upgrading quite a bit in the coming months. I also plan on keeping my 1x3 ca  
> ll.  
> Should I expect a lot of grief from ops on the Extra segment (after I get tha  
> t  
> upgrade) even though I have a legal license for that band?
```

Well, the 1x3 might cause some problems but to hell with them anyhow.
The only thing that matters is that the FCC knows you're not a tech. :)

Of course, if you really want to confuse the hell out of people, do what

I did.... get an advanced callsign and keep it through to Extra. :)

Tony

```
-----
      o      o  Tony Pelliccio, KD1NR, Control Op 441.750+, ARRL VE
      \      /  system @ hades.cdp.org                      Soon W5YI VE
      \__/_/
      (oo)  Cow humor. Sort of like the Far Side.
  /|  ____  \
 / | {MTV} ||  MoooTV - Rockin' Bumpin' and Funkin' into the 90's
* || {____} ||
  ||-----||  (And people thought my last .sig was long, ha!)
  ^^      ^^
-----
```

Date: 14 Oct 1993 14:56:51 GMT
From: nothing.ucsd.edu!brian@network.ucsd.edu
To: info-hams@ucsd.edu

References <2533@indep1.UUCP>, <1993Oct10.144026.4994@mulvey.com>,
<CEr9FA.6yy@amdcl2>
Subject : Re: Breaking in on VHF/UHF

In article <CEr9FA.6yy@amdcl2> brian@amdcl2.amd.com (Brian McMinn) writes:
>I'm taking an informal survey and will post results to the net: what
>"standards" exist on our FM/repeater bands for breaking into a
>conversation in progress?

Oh, one of the will run out of wind or have to shift or pet the dog or
something and eventually there will be a long enough pause that you can
say something like 'hi guys, from wb6xyz'.

>Suppose you don't actually want to join the discussion at hand but
>would like to use the repeater to contact a friend of yours who is
>probably monitoring that repeater?

Wait until the other guys shut up. If they have any sort of courtesy,
they'll keep it short themselves. If they don't, you and your friend
belong on another repeater - or they belong on 40 meters.

>Suppose you have a bona-fide emergency situation?

Use a cellphone. Ham radio is a toy, not for serious use.

- Brian

End of Info-Hams Digest V93 #1220
